



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David Freundlich, Jacob Vortman, Roni Yagel, Shuki Vitek, Naama Brenner
Assignee: Insightec - Txsonics Ltd.
Filing Date: November 28, 2000
Serial No.: 09/724,670
Title: APPARATUS FOR CONTROLLING THERMAL DOSING IN A THERMAL TREATMENT SYSTEM

Examiner: F.H. Dahbour
Group Art Unit: 3742

#9/B
2/12/03
D. Brenner

BOX NON-FEE AMENDMENT
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

RECEIVED

FEB 10 2003
TECHNOLOGY CENTER R3700

AMENDMENT

In response to the Office action mailed on November 22, 2002, please amend the above-identified application as follows:

IN THE CLAIMS

The following is a clean version of the entire set of pending claims. In accordance with 37 CFR 1.21(c)(1)(ii), attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached pages are captioned "**Version with markings to show changes made.**"

Cancel claims 3 and 16-17. Amend claims 1 and 15 as follows:

1. (Amended) A thermal treatment system, comprising:
- a heat applying element for generating a thermal dose used to ablate a target mass in a patient;
 - a controller for controlling thermal dose properties of the heat applying element;
 - an imager for providing preliminary images of the target mass;
 - a planner for automatically constructing a treatment plan, comprising a series of treatment sites that are each represented by a set of thermal dose properties;
 - wherein the planner automatically constructs the treatment plan based on input information including one or more of:
 - a volume of the target mass,